

REMARKS

Claims 6-46 have been canceled.

New claims 47 and 48 are presented for prosecution.

Claims 1-5, 47 and 48 remain pending in the application. Of these, claim 1 is currently amended.

The specification is objected to. The specification has been amended to more particularly reference the claimed subject matter. Support for this amendment can be found in the specification as filed (see e.g., page 18, line 14 through page 19, line 12, Figs. 9A and 9B, and claim 1 as filed). No new matter has been added.

Claims 1-5 are rejected under the doctrine of obviousness-type double patenting over all claims of U.S. Patent No. 6,083,260 (the '260 Patent). A terminal disclaimer based on the '260 Patent is submitted herewith.

Claims 1-5 are rejected under 35 U.S.C. §102(b) based on Nakamoto JP 5071492 (Nakamoto) and Kolff et al. U.S. 5,306,295 (Kolff). The cited references, do not teach or suggest, alone or in combination, a pump in which a first passageway permits fluid flow in a first direction and a second passageway permits fluid flow in the reverse direction, as defined by amended independent claim 1. Dependent claims 2-5, 47 and 48 further define the subject matter of claim 1 and therefore also believed to be allowable over the cited references.

Reconsideration in view of the foregoing amendments and remarks and allowance of claims 1-5, 47 and 48 is respectfully requested.

Respectfully Submitted,

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